

Water Quality Characteristics by Water Quality Zone

April 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	221	185	129.4	114	365	3	58%
	2	145	150	22.8	112	171	9	16%
	3	171	177	49.7	110	233	10	29%
	4	92	91	14.2	72	119	8	15%
	5	115	115	12.7	99	139	12	11%
	6	108	106	15.0	79	136	9	14%
	7	106	110	13.0	86	122	10	12%
	8	147	129	60.9	91	261	6	41%
	9	121	129	37.8	80	166	7	31%
	10	77	78	2.5	74	80	4	3%
	System Wide	127	114	47.6	72	365	78	38%
TDS ppm	1	388	365	129.0	175	611	10	33%
	2	317	319	34.9	202	358	27	11%
	3	356	379	91.1	212	480	34	26%
	4	259	247	73.2	186	434	25	28%
	5	263	261	34.3	180	334	36	13%
	6	255	260	29.0	207	302	28	11%
	7	228	223	26.6	185	290	29	12%
	8	337	328	56.9	230	445	21	17%
	9	299	333	66.9	214	394	23	22%
	10	219	218	7.3	208	230	13	3%
	System Wide	289	278	75.8	175	611	246	26%
Sodium ppm	1	50	50	2.0	48	52	3	4%
	2	46	47	2.7	42	50	9	6%
	3	49	51	12.1	33	65	10	25%
	4	36	33	8.1	27	48	8	22%
	5	41	41	4.7	34	48	12	11%
	6	41	42	5.9	28	47	9	14%
	7	29	29	7.0	22	48	10	24%
	8	45	45	2.6	41	47	6	6%
	9	45	46	4.5	40	53	7	10%
	10	41	41	0.5	40	41	4	1%
	System Wide	42	43	8.7	22	65	78	21%

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pH units	1	7.5	7.5	0.36	7.0	8.1	10	5%
	2	7.8	7.8	0.22	7.3	8.3	27	3%
	3	7.5	7.5	0.24	7.0	7.9	34	3%
	4	7.7	7.8	0.22	7.1	8.1	25	3%
	5	7.6	7.6	0.25	7.1	8.1	36	3%
	6	7.7	7.7	0.30	7.1	8.2	28	4%
	7	7.6	7.4	0.31	7.2	8.1	29	4%
	8	7.4	7.3	0.31	7.0	8.0	21	4%
	9	7.5	7.5	0.27	7.1	7.8	23	4%
	10	7.7	7.8	0.17	7.4	7.9	13	2%
	System Wide	7.6	7.6	0.29	7.0	8.3	246	4%
Chlorine ppm	1	0.8	0.7	0.18	0.4	1.0	10	24%
	2	0.8	0.8	0.09	0.7	1.0	27	10%
	3	0.8	0.8	0.11	0.5	1.1	34	14%
	4	0.9	0.9	0.10	0.7	1.1	25	12%
	5	0.8	0.9	0.18	0.1	1.1	36	22%
	6	0.8	0.9	0.19	0.3	1.1	28	22%
	7	0.8	0.8	0.08	0.7	1.0	29	9%
	8	0.8	0.8	0.18	0.4	1.0	21	23%
	9	0.8	0.8	0.12	0.5	1.0	23	16%
	10	0.8	0.8	0.05	0.7	0.9	13	6%
	System Wide	0.8	0.8	0.14	0.1	1.1	246	17%
Temperature deg C	1	24.9	25.1	1.10	23.1	26.8	10	4%
	2	25.3	25.0	1.12	23.7	27.8	27	4%
	3	25.1	25.2	1.28	21.9	27.5	34	5%
	4	26.7	26.6	1.32	23.9	29.3	25	5%
	5	25.8	26.1	1.96	21.2	28.8	36	8%
	6	25.8	25.5	1.63	23.0	29.1	28	6%
	7	25.5	25.5	1.39	20.8	27.3	29	5%
	8	25.6	25.4	1.51	22.4	28.9	21	6%
	9	26.2	26.5	1.68	23.3	28.7	23	6%
	10	25.9	26.2	1.85	22.8	29.0	13	7%
	System Wide	25.7	25.6	1.57	20.8	29.3	246	6%